

CERTIFICATE OF OWNERSHIP AND DEDICATION  
 I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNERS(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY (OUR) FREE CONSENT, AND DEDICATE ALL RIGHT-OF-WAYS, STREETS, ALLEYS, WALKS, EASEMENTS, PARKS, AND OTHER OPEN SPACES TO PUBLIC OR PRIVATE USE AS NOTED.

OWNERS OR AUTHORIZED AGENT \_\_\_\_\_ DATE \_\_\_\_\_  
 CERTIFICATE OF OWNERSHIP AND DEDICATION

I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNERS(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY (OUR) FREE CONSENT, AND DEDICATE ALL RIGHT-OF-WAYS, STREETS, ALLEYS, WALKS, EASEMENTS, PARKS, AND OTHER OPEN SPACES TO PUBLIC OR PRIVATE USE AS NOTED.

OWNERS OR AUTHORIZED AGENT \_\_\_\_\_ DATE \_\_\_\_\_  
 CERTIFICATE OF THE APPROVAL OF STREETS

I HEREBY CERTIFY THAT THE STREETS AND RELATED IMPROVEMENTS HAVE BEEN INSTALLED ACCORDING TO PLANS APPROVED BY THE DIVISION OF HIGHWAYS, EXCEPT AS NOTED HEREON; OR PROPER PROVISIONS HAVE BEEN MADE FOR THEIR INSTALLATION.

OWNERS OR AUTHORIZED AGENT \_\_\_\_\_ DATE \_\_\_\_\_ 2007  
 DISTRICT ENGINEER, N.C. DIVISION OF HIGHWAYS

CERTIFICATE OF THE APPROVAL OF UTILITIES  
 I HEREBY CERTIFY THAT \_\_\_\_\_ IMPROVEMENTS HAVE BEEN INSTALLED IN AN ACCEPTABLE MANNER AND ACCORDING TO THE SPECIFICATIONS OF THE CHATHAM COUNTY UTILITY POLICY AND/OR THE CHATHAM COUNTY SUBDIVISION REGULATIONS, EXCEPT AS NOTED HEREON; OR PROPER PROVISIONS HAVE BEEN MADE FOR THEIR INSTALLATION.

OWNERS OR AUTHORIZED AGENT \_\_\_\_\_ DATE \_\_\_\_\_ 2007  
 SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_

CERTIFICATE OF APPROVAL FOR RECORDING  
 I HEREBY CERTIFY THAT THE SUBDIVISION PLAT SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THE SUBDIVISION REGULATIONS FOR CHATHAM COUNTY, WITH THE EXCEPTION OF SUCH VARIANCES, IF ANY, AS NOTED BY THE BODY FOR RECORDING IN THE OFFICE OF THE COUNTY REGISTER OF DEEDS.

OWNERS OR AUTHORIZED AGENT \_\_\_\_\_ DATE \_\_\_\_\_ 2007  
 CHAIRMAN, CHATHAM COUNTY BOARD OF COMMISSIONERS

I, JOSEPH N. GRADY, JR., CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION FROM DEED DESCRIPTION RECORDED IN BOOK AND PAGE (AS SHOWN); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AND DRAWN FROM INFORMATION FOUND IN BOOK AND PAGE (AS SHOWN); THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000; AND THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER, AND SEAL THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D. 20\_\_\_\_

I HEREBY CERTIFY THAT THIS PLAT IS OF THE FOLLOWING TYPE: G.S. 47-30 (X)(1)(a). THIS SURVEY CREATES SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.  
 JOSEPH N. GRADY, JR. PLS L-4163

**SITE DATA**

TOTAL NUMBER OF LOTS:	66
LOT AREA:	605,774 SF. / 13.93 AC.
AREA IN AMENITIES CENTER LOT:	201,848 SF. / 4.63 AC.
AREA IN FUTURE DEVELOPMENT:	7,047 SF. / 0.17 AC.
AREA IN PUBLIC R/W:	1,278,336 SF. / 29.29 AC.
AREA IN PRIVATE ACCESS AND UTILITY EASEMENTS:	110,801 SF. / 2.55 AC.
AREA IN COMMON AREAS (16):	303,525 SF. / 6.98 AC.
AREA IN OPEN SPACE(3):	42,718 SF. / 0.99 AC.
TOTAL AREA IN PHASE 3 & 4 SECTION 1:	2,550,049 SF. / 58.54 AC.
LOTS #52 & 53 DESIGNATED AS AFFORDABLE LOTS	
LINEAR FEET OF PUBLIC ROAD:	12,952 LF
LINEAR FEET OF PRIVATE ROAD:	7,148 LF
PROPOSED IMPERVIOUS SURFACE FOR THIS PLAT:	21.0 AC.

**GENERAL NOTES**

- THIS IS A SURVEY OF AN EXISTING PARCEL OF LAND. THIS IS A SUBDIVISION, RIGHT-OF-WAY AND EASEMENT DEDICATION PLAT.
- BEARINGS FOR THIS SURVEY ARE BASED ON N.C. GRID (NAD 83) N.C.C.S. MONUMENTS "MEACHAM" & "GUNTER" HAVING COORDINATES AS SHOWN ON SHEET 2 OF 7.
- ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES UNLESS STATED OTHERWISE.
- NO GRID MONUMENTS FOUND WITHIN 2000' OF SITE.
- REFERENCES: D.B. 833, PG. 752 P.B. 2003, PG. 111 OF THE CHATHAM COUNTY REGISTRY SURVEY ENTITLED "PROPERTY OF CHAPEL HILL LAND CORPORATION," PREPARED BY SMITH & SMITH SURVEYORS, DATED MARCH 24, 1979 AND REVISED APRIL 11, 1979. SURVEY ENTITLED "BOUNDARY SURVEY - BRIAR CHAPEL" PERFORMED BY THE JOHN R. McADAMS COMPANY, INC. DATED 8-23-01, PIN 9766-88-1080, 9765-79-2416, AND 9765-76-5537.
- FLOOD NOTE: A PORTION OF THIS PROPERTY IS LOCATED IN SPECIAL FLOOD HAZARD AREA "AE" AS SHOWN ON FEMA F.I.R.M. MAP # 3710977500J AND 3710976500J WITH AN EFFECTIVE DATE OF FEBRUARY 2, 2007. THERE IS ALSO A CONDITIONAL LETTER OF MAP REVISION IN REVIEW WITH FEMA AS OF 4-9-2007 FOR POKEBERRY CREEK, CASE #07-04-3196R.
- PUBLIC WATERLINE EASEMENT FOR FIRE HYDRANTS TO BE CENTERED UPON AS-BUILT LOCATION OF HYDRANT. SEE SHEET 2 OF 7 FOR DETAIL. EASEMENT DETAIL FOR WATERLINE EASEMENTS ALONG GREAT RIDGE PARKWAY NORTH SHOWN PER CONSTRUCTION PLANS AND EASEMENT DETAIL FOR WATERLINE EASEMENTS ALONG PHASE 3 SHOWN PER PHASE 3 CONSTRUCTION PLANS.
- PROJECT IS LOCATED IN THE CAPE FEAR RIVER BASIN.
- PERENNIAL STREAM LOCATIONS BASED ON DATA PROVIDED BY SOIL AND ENVIRONMENTAL CONSULTANTS.
- MAINTENANCE OF PUBLIC RIGHT OF WAYS SHOWN HEREON TO BE THE RESPONSIBILITY OF THE DEVELOPER AND/OR BRIAR CHAPEL HOA UNTIL SUCH TIME THAT THEY ARE ACCEPTED BY NDOT.
- ALLEYWAYS ALSO SHOWN HEREON AS PRIVATE A&U ARE PRIVATE. MAINTENANCE OF PRIVATE ACCESS AND UTILITY EASEMENTS TO BE THE RESPONSIBILITY OF THE DEVELOPER AND/OR BRIAR CHAPEL HOA.
- THE TRAIL SYSTEM WILL MEET THE REQUIREMENTS OF THE CCO REGARDING DISTANCES FROM EDGE OF THE STREAM AND OTHER REQUIREMENTS.
- LIGHTING WILL CONFORM TO THE DRAFT CHATHAM COUNTY LIGHTING ORDINANCE.
- ONCE THE PERIMETER BUFFER HAS BEEN DELINEATED, A DEED RESTRICTION SATISFACTORY TO THE COUNTY ATTORNEY SHALL BE FILED WITH THE CHATHAM COUNTY REGISTER OF DEEDS THAT PERMANENTLY PROTECTS THIS LAND AS A BUFFER AND IDENTIFIES THE MAINTENANCE RESPONSIBILITY THAT RESTS WITH THE HOMEOWNERS ASSOCIATION.
- CUL-DE-SAC RADIUS SHALL BE AS REQUIRED BY THE CHATHAM COUNTY SUBDIVISION REGULATIONS, SECTION 6.2 C(1) AND 6.2 C(3)(h). THERE ARE NO CUL-DE-SACS ON CURRENT PLAT.

OVERALL VIEW FOR ILLUSTRATIVE PURPOSES ONLY

**PRELIMINARY**

	<b>BRIAR CHAPEL - PHASE 3 AND PHASE 4 SECTION 1</b> SUBDIVISION, EASEMENT DEDICATION & RIGHT-OF-WAY DEDICATION PLAT	SURVEY FOR: NEWLAND COMMUNITIES 5850 FAYETTEVILLE ROAD SUITE 201 DURHAM, NORTH CAROLINA 27713	REVISIONS: 4-13-07 CHATHAM CO PLANNING COMMENTS	
	BALDWIN TOWNSHIP, CHATHAM COUNTY, NORTH CAROLINA	ENGINEERS/PLANNERS/SURVEYORS RESEARCH TRIANGLE PARK, NC P.O. BOX 14005 ZIP 27709-4005 (919) 361-5000		

I HEREBY CERTIFY THAT THIS PLAT IS OF THE FOLLOWING TYPE:  
G.S. 47-30 (f)(1)(c). THIS SURVEY (RETROACTIVE SUBDIVISION OF  
LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT  
HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.

JOSEPH N. GRADY, JR. PLS L-4163

N.C.G.S. MONUMENT  
"MEACHAM" N=768,395.573'  
E=1,963,424.196' (NAD 83)  
SCALE FACTOR= 0.9999291

N.C.G.S. MONUMENT  
"GUNTZER" N=716,793.002'  
E=1,954,319.067' (NAD 83)

N/F  
HAMM VIRGINIA FANT  
PB 9, PG 47  
PIN: 9766-83-0197

N/F  
NORWOOD JAMES F  
PB 9, PG 47  
PIN: 9766-83-3230

N/F  
DOUGHMAN SCOTT D  
PB 6, PG 51  
PIN: 9766-83-5391

N/F  
SKORSKI WALTER A &  
ROSEANNE W  
PB 8, PG 51  
PIN: 9766-83-8390

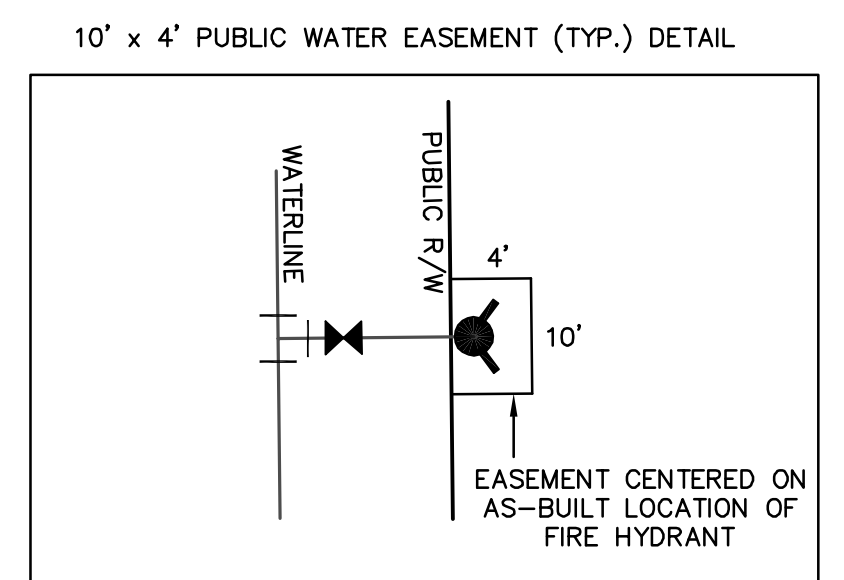
MANN'S CHAPEL ROAD - S.R. 1532

**PRELIMINARY**

LINE	LENGTH	BEARING
TCE L231	93.05'	N 40°27'31" E
TCE L232	63.28'	S 11°01'46" E
TCE L233	92.71'	N 83°08'50" E
TCE L234	110.15'	N 05°46'37" W
TCE L235	117.59'	N 39°02'34" E
TCE L236	72.64'	N 00°50'24" W
TCE L237	335.03'	N 29°13'46" E
TCE L238	266.69'	N 00°42'39" E
TCE L239	98.37'	N 04°29'14" W
TCE L240	37.97'	N 39°31'25" E
TCE L241	121.91'	N 01°08'26" W
TCE L242	43.67'	N 12°01'24" W
TCE L243	287.19'	N 03°00'53" E
TCE L244	76.08'	N 26°23'07" E
TCE L245	143.53'	N 50°30'41" E
TCE L246	94.49'	N 37°28'28" E
TCE L247	91.21'	N 62°22'35" E
TCE L248	25.06'	N 31°44'12" E
TCE L249	92.42'	N 18°45'09" E
TCE L250	108.59'	N 17°38'20" W
TCE L251	90.85'	N 25°30'33" W
TCE L252	157.86'	N 04°49'08" E
TCE L253	361.02'	N 02°30'38" W
TCE L294	542.58'	N 38°29'23" E
TCE L295	115.77'	N 11°21'07" E
TCE L296	49.48'	S 87°38'56" E
TCE L297	56.64'	N 41°57'47" E
TCE L298	38.69'	S 73°28'12" E
TCE L299	48.81'	N 23°16'58" E
TCE L300	131.94'	N 48°13'27" E
TCE L301	46.83'	N 77°28'58" E
TCE L302	157.45'	N 31°00'21" E
TCE L303	81.91'	N 18°34'33" E
TCE L304	485.85'	N 00°30'47" W
TCE L305	21.88'	N 79°04'55" W
TCE L306	58.86'	N 12°17'25" E
TCE L307	274.43'	N 03°51'05" E
TCE L308	113.18'	N 27°01'58" E
TCE L309	115.59'	N 54°55'02" E
TCE L310	142.01'	N 13°54'17" E
TCE L311	81.21'	N 00°30'10" E
TCE L312	95.68'	N 15°33'29" E
TCE L313	46.62'	N 65°54'23" E
TCE L314	82.42'	N 09°30'36" E
TCE L315	261.84'	N 00°53'33" E
TCE L316	211.27'	N 00°18'09" E

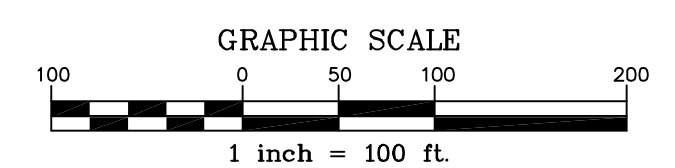
LINE	LENGTH	BEARING
L1	55.53'	S 54°14'00" W
L2	55.53'	S 54°14'00" W
L3	73.86'	N 35°19'25" E

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD DISTANCE	DELTA	TANGENT
C1	25.00'	39.42'	N 45°47'25" W	35.46'	90°20'02"	25.15
C2	25.00'	39.12'	S 44°12'36" W	35.25'	89°40'02"	24.86
C3	1970.00'	207.42'	N 02°23'34" E	207.33'	6°01'58"	103.81
C4	2030.00'	213.74'	N 02°23'34" E	213.64'	6°01'58"	106.97
C5	200.00'	170.43'	N 29°49'17" E	165.32'	48°49'28"	90.78
C6	280.00'	221.56'	N 29°49'17" E	214.91'	48°49'28"	118.01
C7	280.00'	267.05'	S 26°54'38" W	257.04'	54°38'44"	144.66
C8	220.00'	209.82'	S 26°54'38" W	201.96'	54°38'44"	113.66
C9	320.00'	178.37'	N 15°33'33" E	178.07'	31°56'14"	91.57
C10	380.00'	211.82'	N 15°33'33" E	209.08'	31°56'14"	108.74
C11	970.00'	87.03'	N 34°05'44" E	87.01'	5°08'27"	43.55
C12	525.00'	121.46'	N 43°17'37" E	121.18'	13°15'18"	61.00



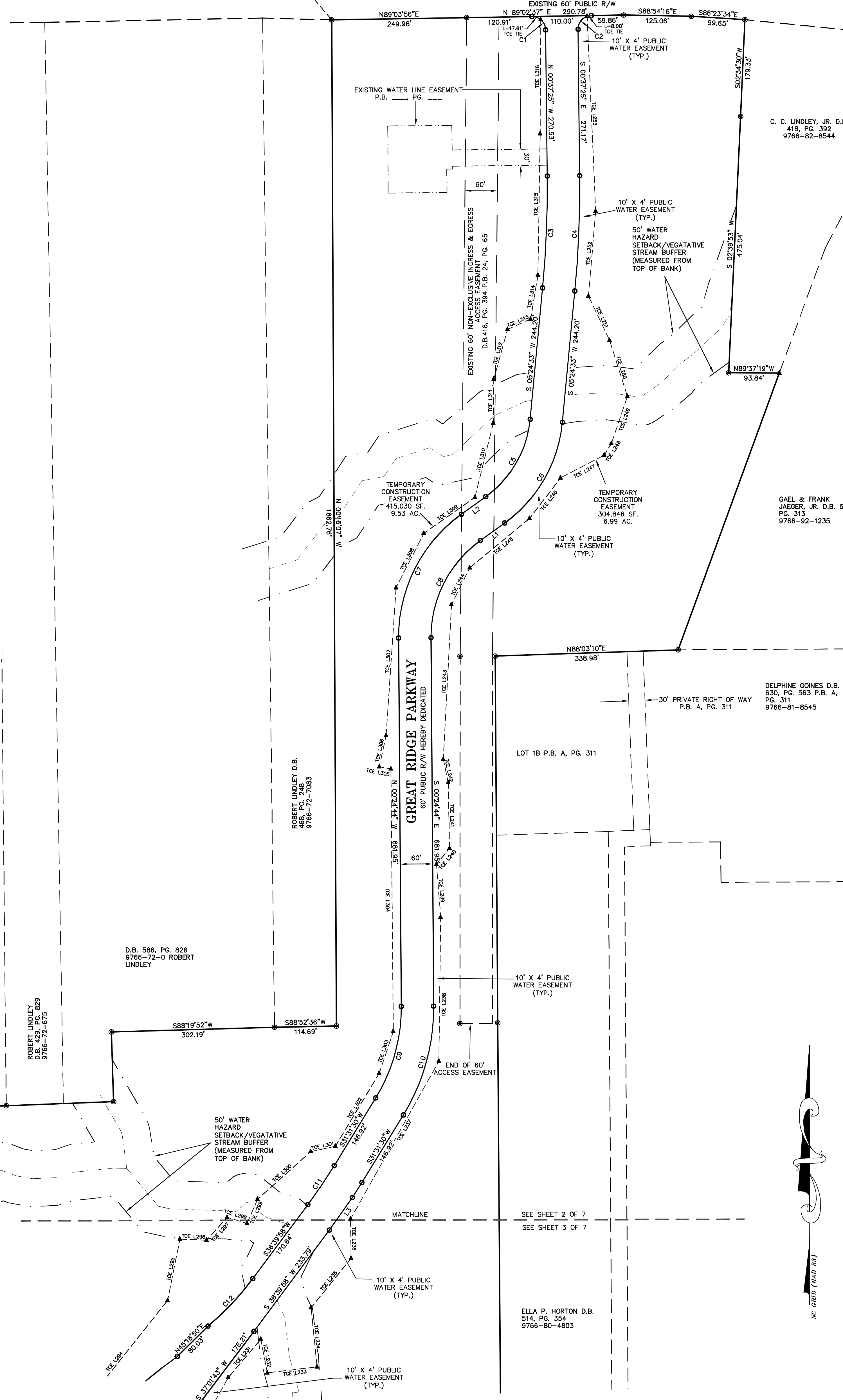
**GENERAL NOTES**

- SEE SHEET 1 OF 7 FOR GENERAL NOTES AND CERTIFICATES.
- THE TEMPORARY CONSTRUCTION EASEMENT SHOWN HEREON IS PRIVATE AND IS FOR THE CONSTRUCTION OF GREAT RIDGE PARKWAY AND ITS SLOPES, EROSION CONTROL AND DRAINAGE STRUCTURES.



**LEGEND**

- EXISTING IRON PIPE
- IRON PIPE SET
- EXISTING CONCRETE MONUMENT
- CALCULATED POINT
- EXISTING NCGS GRID MONUMENT
- ▲ TCE L# TEMPORARY CONSTRUCTION EASEMENT LINE TAG
- SDE STORM DRAIN EASEMENT
- W/E WATER LINE EASEMENT
- PRIVATE & U PRIVATE ACCESS AND UTILITY EASEMENT



**BRIAR CHAPEL - PHASE 3 AND PHASE 4 SECTION 1**  
SUBDIVISION, EASEMENT DEDICATION & RIGHT-OF-WAY DEDICATION PLAT

BALDWIN TOWNSHIP, CHATHAM COUNTY, NORTH CAROLINA

SURVEY FOR:  
NEWLAND COMMUNITIES  
6850 FAYETTEVILLE ROAD  
SUITE 201  
DURHAM, NORTH CAROLINA 27713

REVISIONS:  
4-13-07 CHATHAM CO PLANNING COMMENTS

**THE JOHN R. McADAMS COMPANY, INC.**  
ENGINEERS/PLANNERS/SURVEYORS  
RESEARCH TRIANGLE PARK, NC  
P.O. BOX 14005 ZIP 27709-4005  
(919) 361-5000

McADAMS  
SHEET NO. 2-7  
DATE: 04/04/2007  
SCALE: 1"=100'  
DRAWN BY: EMM  
CHECKED BY: JNC  
PROJECT NO: NEW-05000  
PLAT NAME: NEW-05000-F12

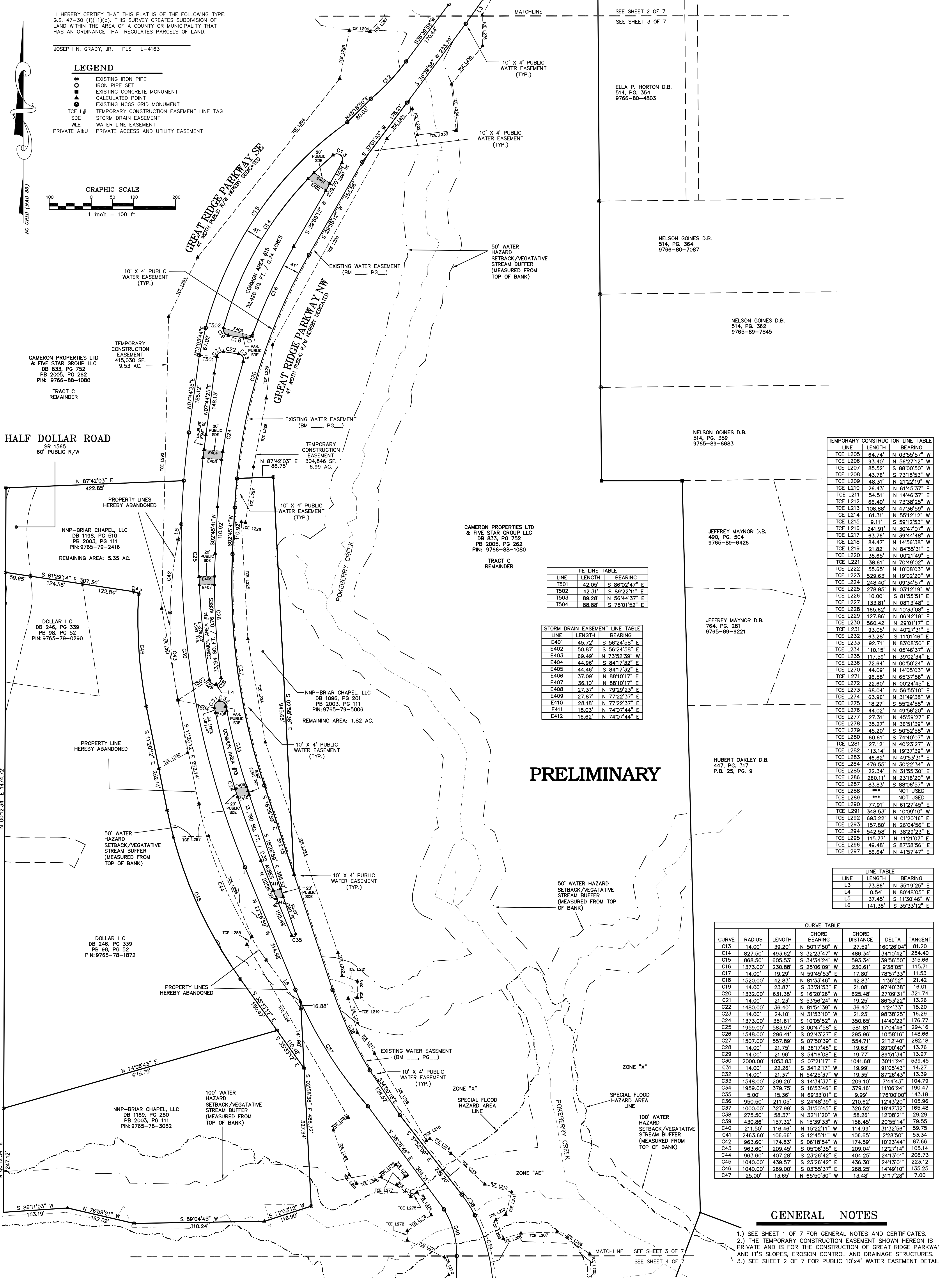
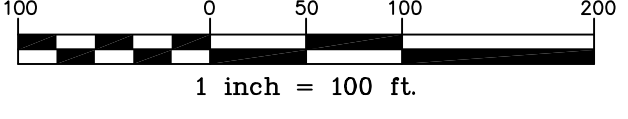
I HEREBY CERTIFY THAT THIS PLAT IS OF THE FOLLOWING TYPE:  
G.S. 47-30 (1)(1)(a). THIS SURVEY CREATES SUBDIVISION OF  
LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT  
HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.

JOSEPH N. GRADY, JR. PLS L-4163

**LEGEND**

- EXISTING IRON PIPE
- IRON PIPE SET
- EXISTING CONCRETE MONUMENT
- CALCULATED POINT
- ▲ EXISTING NCGS GRID MONUMENT
- TCE L# TEMPORARY CONSTRUCTION EASEMENT LINE TAG
- SDE STORM DRAIN EASEMENT
- WLE WATER LINE EASEMENT
- PRIVATE A&U PRIVATE ACCESS AND UTILITY EASEMENT

**GRAPHIC SCALE**



**TEMPORARY CONSTRUCTION LINE TABLE**

LINE	LENGTH	BEARING
TCE L205	64.74'	N 03°55'57" W
TCE L206	93.40'	N 56°27'21" W
TCE L207	85.52'	S 88°07'50" W
TCE L208	43.76'	S 73°18'53" W
TCE L209	48.31'	N 21°22'19" W
TCE L210	26.43'	N 61°45'37" E
TCE L211	54.51'	N 14°46'37" E
TCE L212	66.40'	N 73°38'25" W
TCE L213	108.98'	N 47°35'59" W
TCE L214	61.31'	N 55°12'12" W
TCE L215	9.11'	S 59°12'53" W
TCE L216	241.91'	N 30°47'07" W
TCE L217	63.76'	N 39°44'48" W
TCE L218	84.47'	N 14°56'38" W
TCE L219	21.82'	N 84°53'11" E
TCE L220	38.65'	N 00°21'49" E
TCE L221	38.61'	N 70°49'02" W
TCE L222	55.65'	N 10°08'03" W
TCE L223	529.63'	N 19°02'20" W
TCE L224	248.40'	N 09°34'57" W
TCE L225	278.85'	N 03°12'19" W
TCE L226	10.00'	S 81°55'11" E
TCE L227	133.81'	N 08°13'48" E
TCE L228	165.62'	N 10°33'08" E
TCE L229	127.86'	N 06°42'18" E
TCE L230	560.42'	N 29°01'17" E
TCE L231	93.05'	N 40°27'31" E
TCE L232	63.88'	N 11°01'46" E
TCE L233	92.71'	N 83°08'50" E
TCE L234	110.15'	N 05°46'37" W
TCE L235	117.59'	N 39°02'34" E
TCE L236	72.64'	N 00°50'24" W
TCE L270	44.09'	N 14°05'03" W
TCE L271	96.58'	N 65°37'56" W
TCE L272	22.60'	N 02°44'45" E
TCE L273	68.04'	N 56°51'01" E
TCE L274	63.96'	N 31°49'38" W
TCE L275	18.27'	S 55°24'58" W
TCE L276	44.02'	N 49°56'20" W
TCE L277	27.31'	N 45°59'27" E
TCE L278	35.27'	N 86°55'51" E
TCE L279	45.20'	S 50°52'58" W
TCE L280	60.61'	S 74°40'07" W
TCE L281	27.12'	N 40°23'27" W
TCE L282	113.14'	N 19°37'39" W
TCE L283	46.62'	N 49°53'31" E
TCE L284	476.55'	N 30°22'34" W
TCE L285	37.45'	S 11°30'46" W
TCE L286	260.11'	N 23°16'20" W
TCE L287	83.83'	S 88°06'57" W
TCE L288	***	NOT USED
TCE L289	***	NOT USED
TCE L290	77.91'	N 61°27'45" E
TCE L291	348.53'	N 10°00'21" W
TCE L292	693.22'	N 01°20'16" E
TCE L293	157.80'	N 26°04'56" E
TCE L294	542.58'	N 38°29'23" E
TCE L295	115.77'	N 11°21'07" E
TCE L296	49.48'	S 87°38'56" E
TCE L297	56.64'	N 41°57'47" E

**TIE LINE TABLE**

LINE	LENGTH	BEARING
T501	42.05'	S 86°02'47" E
T502	42.31'	S 89°22'11" E
T503	89.28'	N 56°44'37" E
T504	88.88'	S 78°01'52" E

**STORM DRAIN EASEMENT LINE TABLE**

LINE	LENGTH	BEARING
E401	45.72'	S 56°24'58" E
E402	50.87'	S 56°24'58" E
E403	69.49'	N 73°52'39" W
E404	44.96'	S 84°17'32" E
E405	44.46'	S 84°17'32" E
E406	37.09'	N 88°01'17" E
E407	36.10'	N 88°01'17" E
E408	27.37'	N 79°29'23" E
E409	27.87'	N 77°22'37" E
E410	28.18'	N 77°22'37" E
E411	18.03'	N 74°07'44" E
E412	16.62'	N 74°07'44" E

**LINE TABLE**

LINE	LENGTH	BEARING
L3	73.86'	N 35°19'25" E
L4	0.54'	N 80°48'05" E
L5	37.45'	S 11°30'46" W
L6	141.38'	S 35°33'12" E

**CURVE TABLE**

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD DISTANCE	DELTA	TANGENT
C13	14.00'	39.20'	N 50°17'50" W	17.59'	160°28'04"	81.20
C14	827.50'	493.62'	S 32°23'47" W	486.34'	34°10'42"	254.40
C15	868.50'	605.53'	S 34°34'24" W	593.34'	39°56'50"	315.66
C16	1373.00'	230.88'	S 25°06'09" W	230.61'	9°38'05"	115.71
C17	14.00'	19.29'	N 59°45'53" E	17.80'	78°57'33"	11.53
C18	1520.00'	42.83'	N 81°33'46" W	42.83'	1°36'52"	21.42
C19	14.00'	23.87'	S 33°15'53" E	21.08'	97°40'38"	16.01
C20	1332.00'	631.38'	S 16°20'56" W	625.48'	27°09'31"	321.74
C21	14.00'	21.23'	S 53°56'24" W	19.25'	86°53'22"	13.26
C22	1480.00'	36.40'	N 81°54'39" W	36.40'	1°24'33"	18.20
C23	14.00'	24.10'	N 31°53'10" W	21.23'	98°38'25"	16.29
C24	1373.00'	351.61'	S 10°05'52" W	350.65'	14°40'22"	176.77
C25	1959.00'	583.97'	S 00°47'58" E	581.81'	17°04'46"	294.16
C26	1548.00'	296.41'	S 02°43'27" E	295.98'	10°58'18"	148.66
C27	1507.00'	557.89'	S 07°50'39" E	554.71'	21°12'40"	282.18
C28	14.00'	21.75'	N 36°17'45" E	19.63'	89°00'40"	13.76
C29	14.00'	21.96'	S 54°16'08" E	19.77'	89°51'34"	13.97
C30	2000.00'	1053.83'	S 07°21'17" E	1041.68'	30°11'24"	539.45
C31	14.00'	22.28'	S 34°21'77" W	19.99'	91°05'43"	14.27
C32	14.00'	21.37'	N 54°29'37" W	19.35'	87°28'43"	13.39
C33	1548.00'	209.26'	S 14°34'37" E	209.10'	7°44'43"	104.79
C34	1959.00'	379.75'	S 16°53'46" E	379.16'	11°06'24"	190.47
C35	5.00'	15.36'	N 69°33'01" E	9.99'	176°00'00"	143.18
C36	950.50'	211.05'	S 24°48'39" E	210.62'	12°43'20"	105.96
C37	1000.00'	327.99'	S 31°50'45" E	326.52'	18°47'32"	165.48
C38	275.50'	58.37'	N 32°11'20" W	58.26'	12°08'21"	29.29
C39	430.86'	157.33'	N 15°39'33" W	156.45'	20°55'14"	79.55
C40	211.50'	116.46'	N 15°22'11" W	114.99'	31°32'56"	59.75
C41	2463.60'	106.66'	S 12°45'11" W	106.65'	2°28'50"	53.34
C42	963.60'	174.83'	S 06°18'54" W	174.59'	10°23'44"	87.66
C43	963.60'	209.45'	S 05°06'35" E	209.04'	12°27'14"	105.14
C44	963.60'	407.28'	S 23°26'42" E	404.25'	24°13'01"	206.73
C45	1040.00'	439.57'	S 23°26'42" E	436.30'	24°13'01"	223.12
C46	1040.00'	289.00'	S 03°55'37" E	288.25'	14°49'10"	135.25
C47	25.00'	13.65'	N 65°50'30" W	13.48'	31°17'28"	7.00

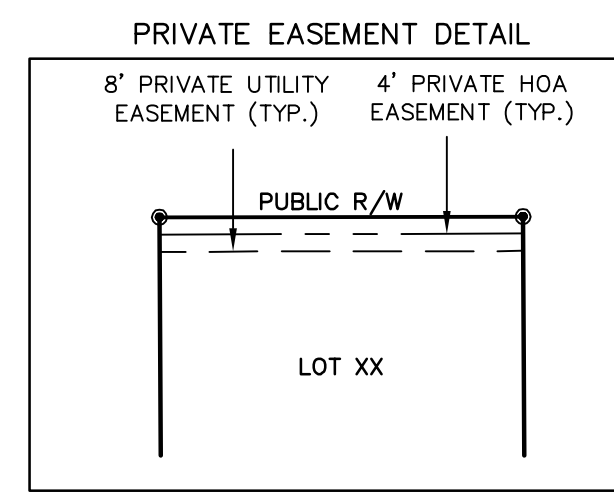
**GENERAL NOTES**

- 1.) SEE SHEET 1 OF 7 FOR GENERAL NOTES AND CERTIFICATES.
- 2.) THE TEMPORARY CONSTRUCTION EASEMENT SHOWN HEREON IS PRIVATE AND IS FOR THE CONSTRUCTION OF GREAT RIDGE PARKWAY AND ITS SLOPES, EROSION CONTROL AND DRAINAGE STRUCTURES.
- 3.) SEE SHEET 2 OF 7 FOR PUBLIC 10'X4' WATER EASEMENT DETAIL.

<p><b>BRIAR CHAPEL - PHASE 3 AND PHASE 4 SECTION 1</b> SUBDIVISION, EASEMENT DEDICATION &amp; RIGHT-OF-WAY DEDICATION PLAT</p> <p>BALDWIN TOWNSHIP, CHATHAM COUNTY, NORTH CAROLINA</p>	<p>SURVEY FOR: <b>NEWLAND COMMUNITIES</b> 6850 FAYETTEVILLE ROAD SUITE 201 DURHAM, NORTH CAROLINA 27713</p>	<p>REVISIONS:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>04/13/07</td> <td>4-13-07 CHATHAM CO PLANNING COMMENTS</td> </tr> </table>	NO.	DATE	DESCRIPTION	1	04/13/07	4-13-07 CHATHAM CO PLANNING COMMENTS	<p><b>THE JOHN R. McADAMS COMPANY, INC.</b> ENGINEERS/PLANNERS/SURVEYORS RESEARCH TRIANGLE PARK, NC P.O. BOX 14005 ZIP 27709-4005 (919) 361-5000</p>
NO.	DATE	DESCRIPTION							
1	04/13/07	4-13-07 CHATHAM CO PLANNING COMMENTS							
<p>PROJECT NO. NEW-05000 DATE: 04/04/2007 SCALE: 1"=100' DRAWN BY: EJM CHECKED BY: JNC PREPARED BY: NEW-05000-F12 SHEET NO. 3-7</p>									

**GENERAL NOTES**

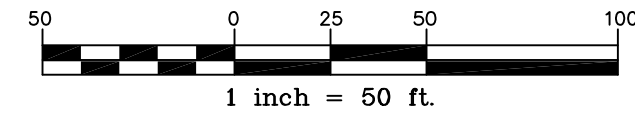
- SEE SHEET 1 OF 7 FOR GENERAL NOTES AND CERTIFICATES.
- THE TEMPORARY CONSTRUCTION EASEMENT SHOWN HEREON IS PRIVATE AND IS FOR THE CONSTRUCTION OF GREAT RIDGE PARKWAY AND ITS SLOPES, EROSION CONTROL AND DRAINAGE STRUCTURES.
- SEE SHEET 2 OF 7 FOR PUBLIC 10'x4' WATER EASEMENT DETAIL.
- 4' PRIVATE HOA EASEMENT OFFSET AND PARALLEL TO R/W.  
8' PRIVATE UTILITY EASEMENT OFFSET AND PARALLEL TO R/W.  
SEE PRIVATE EASEMENT DETAIL.



**LEGEND**

- EXISTING IRON PIPE
- IRON PIPE SET
- EXISTING CONCRETE MONUMENT
- ▲ CALCULATED POINT
- EXISTING NCGS GRID MONUMENT
- TCE L# TEMPORARY CONSTRUCTION EASEMENT LINE TAG
- SDE STORM DRAIN EASEMENT
- WLE WATER LINE EASEMENT
- PRIVATE A&U PRIVATE ACCESS AND UTILITY EASEMENT

**GRAPHIC SCALE**



CAMERON PROPERTIES LTD  
& FIVE STAR GROUP LLC  
DB 833, PG 752  
PB 2005, PG 262  
PIN: 9766-88-1080

TRACT C  
REMAINDER

I HEREBY CERTIFY THAT THIS PLAT IS OF THE FOLLOWING TYPE:  
G.S. 47-30 (1)(1)(c). THIS SURVEY CREATES SUBDIVISION OF  
LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT  
HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.

JOSEPH N. GRADY, JR. PLS L-4163

LINE	LENGTH	BEARING
TCE L201	58.92'	N 13°39'52" E
TCE L202	186.16'	N 05°20'43" W
TCE L203	162.09'	N 31°36'14" E
TCE L204	193.92'	N 25°28'55" E
TCE L205	64.74'	N 03°55'57" W
TCE L254	50.77'	N 10°34'37" E
TCE L255	55.41'	N 30°51'01" E
TCE L256	18.99'	N 61°40'28" E
TCE L257	106.12'	N 27°11'38" E
TCE L258	29.83'	N 22°13'07" W
TCE L259	90.63'	N 18°40'53" E
TCE L260	80.07'	N 29°56'56" E
TCE L261	47.54'	N 42°56'23" E
TCE L262	135.78'	N 51°41'32" E
TCE L263	37.23'	N 20°25'42" E
TCE L264	64.46'	N 70°46'03" W
TCE L265	98.06'	N 20°40'58" E
TCE L266	35.47'	S 75°16'30" E
TCE L267	138.71'	N 42°34'46" E
TCE L268	44.74'	S 89°54'27" E
TCE L269	29.32'	N 56°03'55" E
TCE L270	44.09'	N 14°05'03" W
TCE L271	96.58'	N 65°37'56" W

LINE	LENGTH	BEARING
E414	16.08'	N 69°36'56" W
E415	16.08'	N 69°36'56" W
E416	16.42'	N 82°29'16" E
E417	16.28'	N 82°29'16" E
E418	112.61'	N 12°19'07" E
E419	138.06'	S 02°07'48" E
E420	16.00'	S 86°21'20" W
E421	69.32'	S 06°59'51" E
E422	16.87'	N 66°09'37" E
E423	16.66'	N 66°09'37" E
E424	16.00'	S 80°25'56" W
E425	15.34'	N 55°45'10" E
E426	12.18'	N 55°45'10" E
E427	70.48'	N 16°31'08" W
E428	100.08'	N 16°32'25" W
E429	54.79'	N 12°03'40" E
E430	73.26'	S 72°16'41" E
E431	64.39'	S 61°13'44" E
E432	46.72'	S 51°27'56" E
E433	77.36'	S 51°27'56" E
E435	82.64'	S 51°27'56" E
E436	61.88'	N 49°50'15" E
E437	31.31'	N 31°37'40" E
E438	27.88'	N 47°59'43" E
E439	30.27'	S 30°36'15" W
E440	17.99'	S 66°53'08" E

LINE	LENGTH	BEARING
L7	40.93'	S 03°38'40" E
L8	40.93'	S 03°38'40" W
L9	14.66'	S 24°32'55" E
L18	30.82'	S 13°45'51" W
L19	28.70'	S 17°24'49" E
L20	17.02'	S 17°24'49" E
L24	30.29'	S 13°45'51" W
L28	6.48'	S 68°06'54" W
L29	42.28'	N 21°53'06" W
L30	20.20'	S 11°05'07" E
L31	20.00'	N 21°53'06" W
L32	10.00'	N 68°06'54" E
L33	6.48'	S 68°06'54" W
L34	20.00'	N 38°15'37" E
L35	37.47'	N 21°53'06" W
L77	10.00'	N 68°06'54" E

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD DISTANCE	DELTA	TANGENT
C39	430.86'	157.32'	N 15°39'33" W	156.45'	20°55'14"	79.55
C40	211.50'	116.46'	N 15°22'11" W	114.99'	31°32'56"	59.75
C48	5.00'	15.28'	N 81°56'06" W	9.99'	175°08'31"	117.87
C49	370.46'	133.30'	N 10°42'37" E	132.58'	203°08'71"	67.38
C50	411.46'	74.84'	N 15°42'17" E	74.74'	102°51'17"	37.52
C51	390.00'	91.05'	N 12°19'26" E	90.84'	13°22'33"	45.73
C52	431.00'	181.77'	N 06°55'47" E	180.43'	24°09'51"	92.26
C53	549.00'	217.09'	S 07°41'02" W	215.68'	22°39'23"	109.98
C54	508.00'	200.88'	S 07°41'02" W	199.57'	22°39'23"	101.77
C55	491.00'	194.15'	S 07°41'02" W	192.89'	22°39'23"	98.56
C56	450.00'	177.94'	S 07°41'02" W	176.72'	22°39'23"	90.15
C57	8.00'	25.13'	S 86°21'20" W	16.00'	180°00'00"	INFINITE
C58	8.00'	25.13'	S 86°21'20" W	16.00'	180°00'00"	INFINITE
C59	1092.00'	52.36'	S 05°01'05" E	52.36'	2°44'51"	26.19
C60	8.00'	12.36'	N 37°52'44" E	11.17'	88°32'29"	7.80
C61	8.00'	12.77'	S 52°07'02" W	11.46'	91°27'58"	8.21
C62	1111.00'	53.13'	S 05°00'51" E	53.13'	2°44'24"	26.57
C63	1051.00'	41.51'	S 03°45'27" E	41.51'	0°13'34"	2.07
C64	1051.00'	67.18'	S 05°42'06" E	67.17'	3°39'45"	33.60
C65	1152.00'	5.34'	S 03°46'38" E	5.34'	0°15'56"	2.67
C66	1152.00'	47.34'	S 05°05'13" E	47.33'	2°21'15"	23.67
C67	12.00'	18.52'	N 37°56'34" E	16.73'	88°24'50"	11.67
C68	320.00'	50.91'	S 77°35'30" W	50.86'	9°06'58"	25.51
C69	82.00'	24.73'	S 12°16'58" E	24.63'	17°16'37"	12.46
C70	102.00'	30.00'	S 20°41'02" W	29.89'	16°51'09"	15.11
C71	320.00'	20.01'	S 71°14'30" W	20.01'	3°35'01"	10.01
C72	320.00'	41.64'	S 65°43'20" W	41.61'	7°27'20"	20.85
C73	180.00'	106.70'	N 78°58'36" E	105.15'	33°57'52"	54.97
C74	220.00'	130.41'	N 78°58'36" E	128.51'	33°57'52"	67.19
C75	280.00'	98.50'	S 72°04'22" W	98.00'	20°09'24"	49.77
C76	12.00'	18.52'	N 37°56'34" E	16.73'	88°24'50"	11.67
C77	1152.00'	63.73'	S 11°01'19" E	63.72'	3°10'11"	31.87
C78	265.39'	55.12'	S 18°22'23" E	55.02'	11°54'00"	27.66
C79	615.00'	362.73'	S 58°57'50" W	357.49'	33°47'35"	186.81
C80	615.00'	20.28'	S 76°48'13" W	20.28'	1°53'22"	10.14
C81	615.00'	102.35'	S 82°31'03" W	102.23'	9°32'06"	51.29
C82	8.00'	12.77'	S 52°07'02" W	11.46'	91°27'58"	8.21
C83	8.00'	12.36'	N 37°56'34" E	11.17'	88°32'29"	7.80
C84	1092.00'	121.78'	S 12°30'15" E	121.72'	6°23'23"	60.95
C85	5.00'	14.94'	N 69°52'34" E	9.97'	17°10'02"	64.62
C86	227.50'	46.19'	S 18°25'23" E	46.11'	11°37'58"	23.17
C87	1108.00'	63.77'	S 10°57'29" E	63.76'	3°17'50"	31.89
C88	1051.00'	81.68'	S 09°45'34" E	81.66'	4°27'10"	40.86
C89	1051.00'	20.03'	S 12°31'54" E	20.03'	1°05'31"	10.01
C90	1051.00'	88.95'	S 15°30'09" E	88.92'	4°50'57"	44.50
C91	320.00'	35.77'	S 06°00'06" E	35.75'	6°24'19"	17.91
C92	320.00'	45.85'	S 13°18'32" E	45.81'	8°12'34"	22.96
C93	10.00'	15.45'	S 51°42'24" W	13.96'	88°30'17"	9.74
C94	375.00'	132.57'	N 89°25'13" W	131.88'	20°15'18"	66.98
C95	355.00'	144.61'	N 87°42'35" W	143.61'	23°20'23"	73.32
C96	100.00'	54.42'	N 07°49'29" W	53.75'	31°10'40"	27.90
C97	375.00'	122.09'	N 65°34'31" W	121.55'	18°39'15"	61.59
C101	110.00'	67.71'	S 50°28'49" W	66.65'	35°16'09"	34.97
C102	90.00'	55.79'	S 50°21'29" W	54.90'	35°30'50"	28.82
C104	375.00'	20.73'	S 52°56'28" W	20.73'	3°10'01"	10.37
C105	355.00'	123.82'	N 66°02'54" W	123.19'	19°59'00"	62.54
C106	355.00'	29.25'	N 53°41'47" W	29.24'	4°43'15"	14.63
C107	***	***	***	***	***	***
C108	43.42'	30.17'	N 01°42'59" W	29.56'	39°48'28"	15.72
C109	1020.00'	77.66'	S 19°24'33" E	77.64'	4°21'44"	38.85
C110	1020.00'	5.25'	S 21°44'19" E	5.25'	0°17'42"	2.62
C111	10.00'	16.55'	S 64°28'57" E	14.72'	94°48'17"	10.88
C112	10.00'	15.71'	S 23°06'54" W	14.14'	90°00'00"	10.00
C113	1235.00'	98.61'	S 70°01'32" W	98.59'	4°34'30"	49.33
C114	1110.00'	81.26'	S 70°17'44" W	81.25'	4°11'41"	40.65
C115	12.00'	18.85'	S 66°53'06" E	16.97'	90°00'00"	12.00
C116	300.00'	76.82'	S 10°04'41" E	76.61'	14°40'15"	38.62
C117	43.42'	2.98'	N 23°35'08" W	2.98'	3°55'52"	1.49

LINE	LENGTH	BEARING
T505	57.93'	N 41°24'14" E
T506	61.58'	N 38°05'43" E
T507	41.07'	N 77°19'30" E

**PRELIMINARY**

**THE JOHN R. MCADAMS COMPANY, INC.**  
ENGINEERS/PLANNERS/SURVEYORS  
RESEARCH TRIANGLE PARK, NC  
P.O. BOX 14005 ZIP 27709-4005  
(919) 361-5000

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**REVISIONS:**  
4-13-07 DATUM OF PLANNING COMMENTS

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**SURVEY FOR:**  
NEWLAND COMMUNITIES  
6860 FAYETTEVILLE ROAD  
SUITE 201  
DURHAM, NORTH CAROLINA 27713

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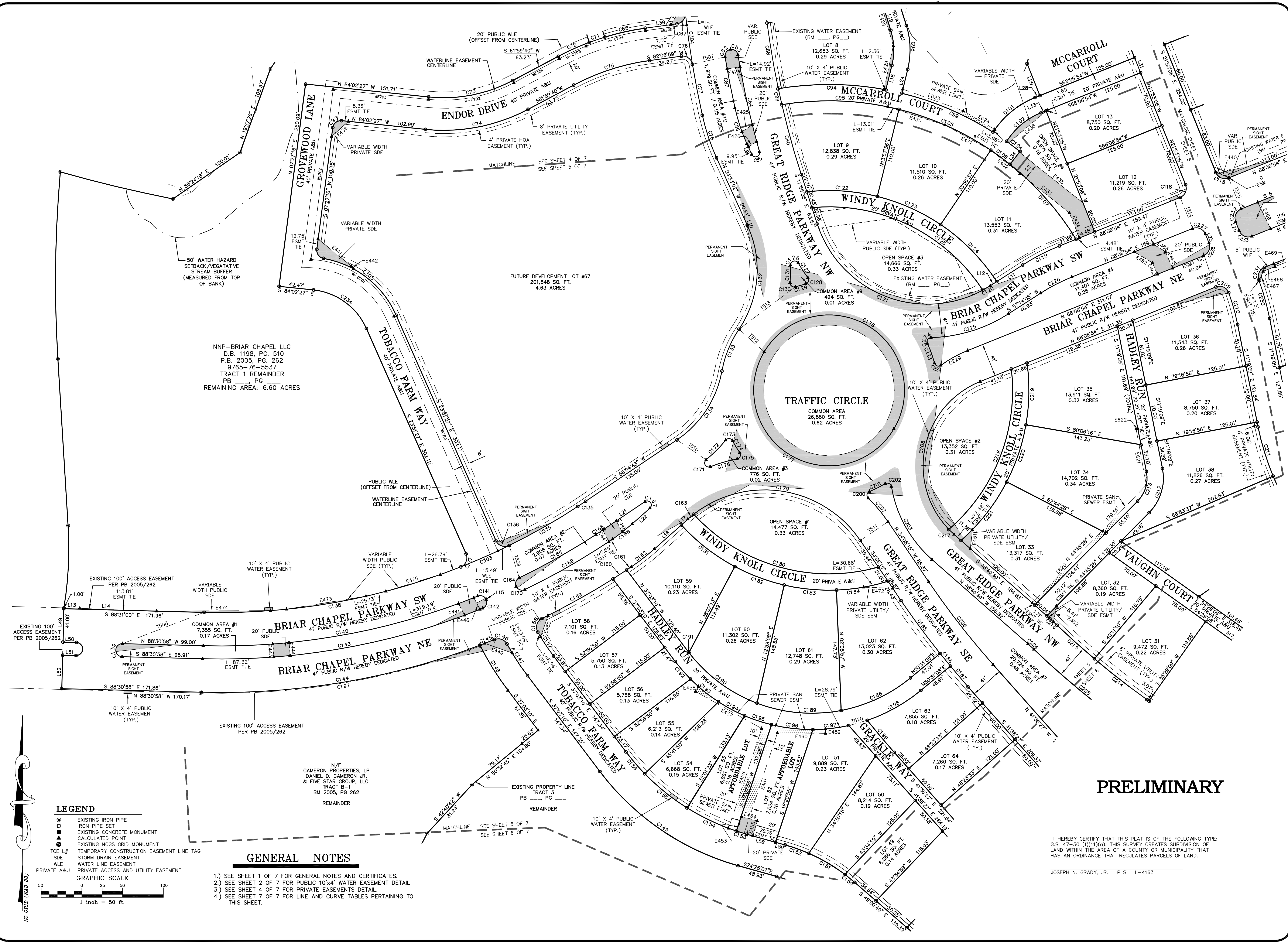
**BRIAR CHAPEL - PHASE 3 AND PHASE 4 SECTION 1**  
SUBDIVISION, EASEMENT DEDICATION & RIGHT-OF-WAY DEDICATION PLAT  
BALDWIN TOWNSHIP, CHATHAM COUNTY, NORTH CAROLINA

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PROJECT NO: NEW-05000  
FILENAME: NEW-05000-F12  
SURVEYOR: JNG  
DRAWN BY: EMM  
SCALE: 1"=50'  
DATE: 04/04/2007  
SHEET NO: 4-7

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**McADAMS**



NNP-BRIAR CHAPEL LLC  
 D.B. 1198, PG. 510  
 P.B. 2005, PG. 262  
 9765-76-5537  
 TRACT 1 REMAINDER  
 PB PG  
 REMAINING AREA: 6.60 ACRES

- GENERAL NOTES**
- 1.) SEE SHEET 1 OF 7 FOR GENERAL NOTES AND CERTIFICATES.
  - 2.) SEE SHEET 2 OF 7 FOR PUBLIC 10'x4' WATER EASEMENT DETAIL.
  - 3.) SEE SHEET 4 OF 7 FOR PRIVATE EASEMENTS DETAIL.
  - 4.) SEE SHEET 7 OF 7 FOR LINE AND CURVE TABLES PERTAINING TO THIS SHEET.

**LEGEND**

- EXISTING IRON PIPE
- IRON PIPE SET
- EXISTING CONCRETE MONUMENT
- ▲ CALCULATED POINT
- EXISTING NCGS GRID MONUMENT
- TCE L# TEMPORARY CONSTRUCTION EASEMENT LINE TAG
- SDE STORM DRAIN EASEMENT
- WLE WATER LINE EASEMENT
- PRIVATE A&U PRIVATE ACCESS AND UTILITY EASEMENT

**GRAPHIC SCALE**

0 25 50 100  
 1 inch = 50 ft

**PRELIMINARY**

I HEREBY CERTIFY THAT THIS PLAT IS OF THE FOLLOWING TYPE:  
 G.S. 47-30 (1)(11)(c). THIS SURVEY CREATES SUBDIVISION OF  
 LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT  
 HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.

JOSEPH N. GRADY, JR. PLS L-4163

**THE JOHN R. McADAMS  
 COMPANY, INC.**  
 ENGINEERS/PLANNERS/SURVEYORS  
 RESEARCH TRIANGLE PARK, NC  
 P.O. BOX 14009 ZIP 27709-4005  
 (919) 361-5000

REVISIONS:

NO.	DATE	DESCRIPTION
1	04/04/2007	4-13-07 DRAFTING OF PLANNING COMMENTS

**SURVEY FOR:**

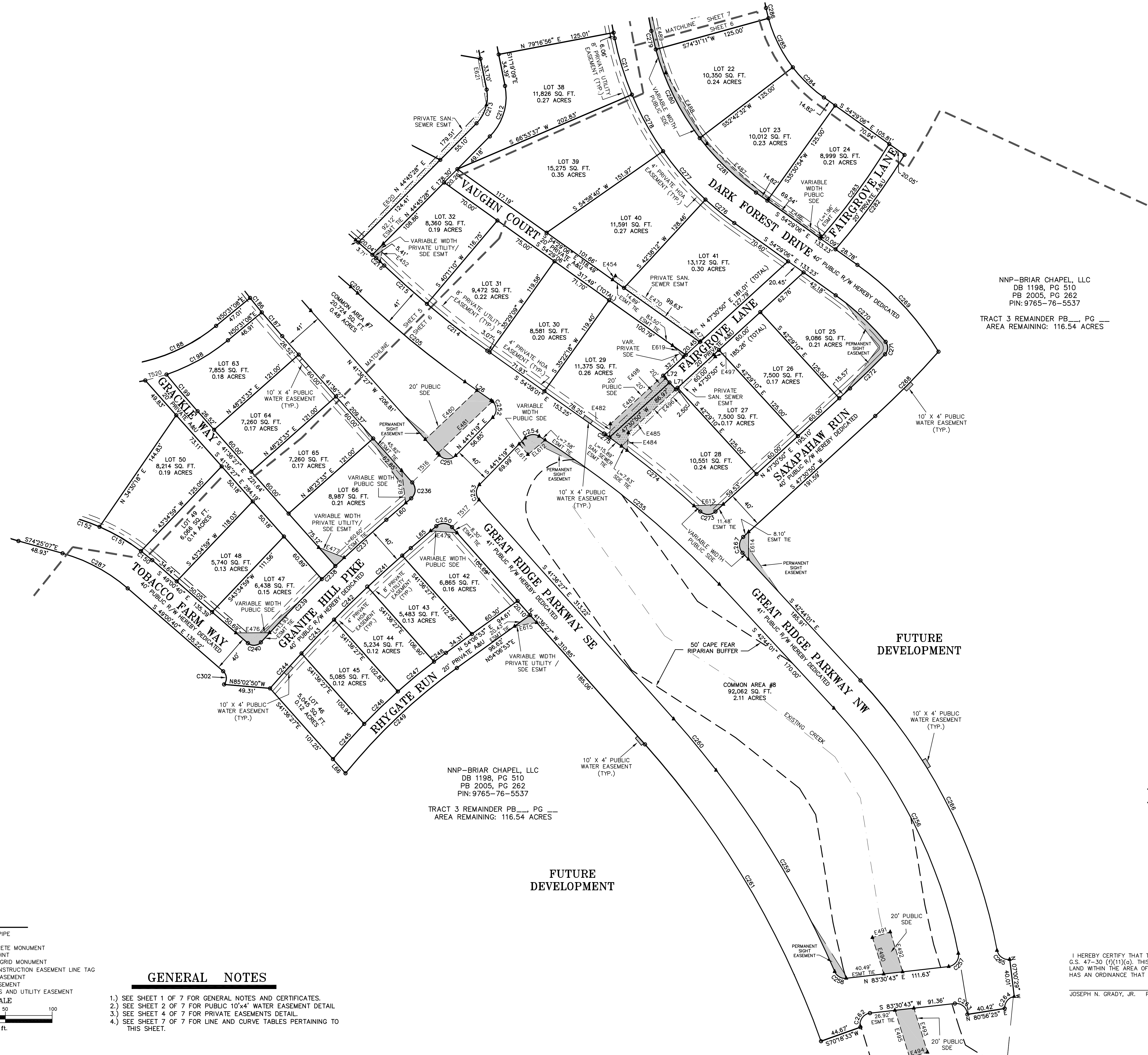
NEWLAND COMMUNITIES  
 6860 FAYETTEVILLE ROAD  
 SUITE 201  
 DURHAM, NORTH CAROLINA 27713

**BRIAR CHAPEL - PHASE 3  
 AND PHASE 4 SECTION 1**  
 SUBDIVISION, EASEMENT DEDICATION  
 & RIGHT-OF-WAY DEDICATION PLAT

BALDWIN TOWNSHIP, CHATHAM COUNTY, NORTH CAROLINA

PROJECT NO:	NEW-05000
FILENAME:	NEW-05000-F12
SURVEYOR:	JNG
DRAWN BY:	EMM
SCALE:	1"=50'
DATE:	04/04/2007
SHEET NO.	5-7

McADAMS



NNP-BRIAR CHAPEL, LLC  
 DB 1198, PG 510  
 PB 2005, PG 262  
 PIN: 9765-76-5537

TRACT 3 REMAINDER PB\_\_\_\_ PG\_\_\_\_  
 AREA REMAINING: 116.54 ACRES

NNP-BRIAR CHAPEL, LLC  
 DB 1198, PG 510  
 PB 2005, PG 262  
 PIN: 9765-76-5537

TRACT 3 REMAINDER PB\_\_\_\_ PG\_\_\_\_  
 AREA REMAINING: 116.54 ACRES

**PRELIMINARY**

**FUTURE DEVELOPMENT**

**FUTURE DEVELOPMENT**

**LEGEND**

- EXISTING IRON PIPE
  - IRON PIPE SET
  - EXISTING CONCRETE MONUMENT
  - CALCULATED POINT
  - EXISTING NC&S GRID MONUMENT
  - TCE L# TEMPORARY CONSTRUCTION EASEMENT LINE TAG
  - SDE STORM DRAIN EASEMENT
  - WLE WATER LINE EASEMENT
  - PRIVATE A&U PRIVATE ACCESS AND UTILITY EASEMENT
- GRAPHIC SCALE  
 0 25 50 100  
 1 inch = 50 ft

**GENERAL NOTES**

- 1.) SEE SHEET 1 OF 7 FOR GENERAL NOTES AND CERTIFICATES.
- 2.) SEE SHEET 2 OF 7 FOR PUBLIC 10'x4' WATER EASEMENT DETAIL.
- 3.) SEE SHEET 4 OF 7 FOR PRIVATE EASEMENTS DETAIL.
- 4.) SEE SHEET 7 OF 7 FOR LINE AND CURVE TABLES PERTAINING TO THIS SHEET.

**THE JOHN R. McADAMS COMPANY, INC.**  
 ENGINEERS/PLANNERS/SURVEYORS  
 RESEARCH TRIANGLE PARK, NC  
 P.O. BOX 14005 ZIP 27709-4005  
 (919) 361-5000

REVISIONS:

4-13-07	DATA/AS PLANNING COMMENTS
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**SURVEY FOR:**  
 NEWLAND COMMUNITIES  
 6860 FAYETTEVILLE ROAD  
 SUITE 201  
 DURHAM, NORTH CAROLINA 27713

**BRIAR CHAPEL - PHASE 3 AND PHASE 4 SECTION 1**  
 SUBDIVISION, EASEMENT DEDICATION & RIGHT-OF-WAY DEDICATION PLAT  
 BALDWIN TOWNSHIP, CHATHAM COUNTY, NORTH CAROLINA

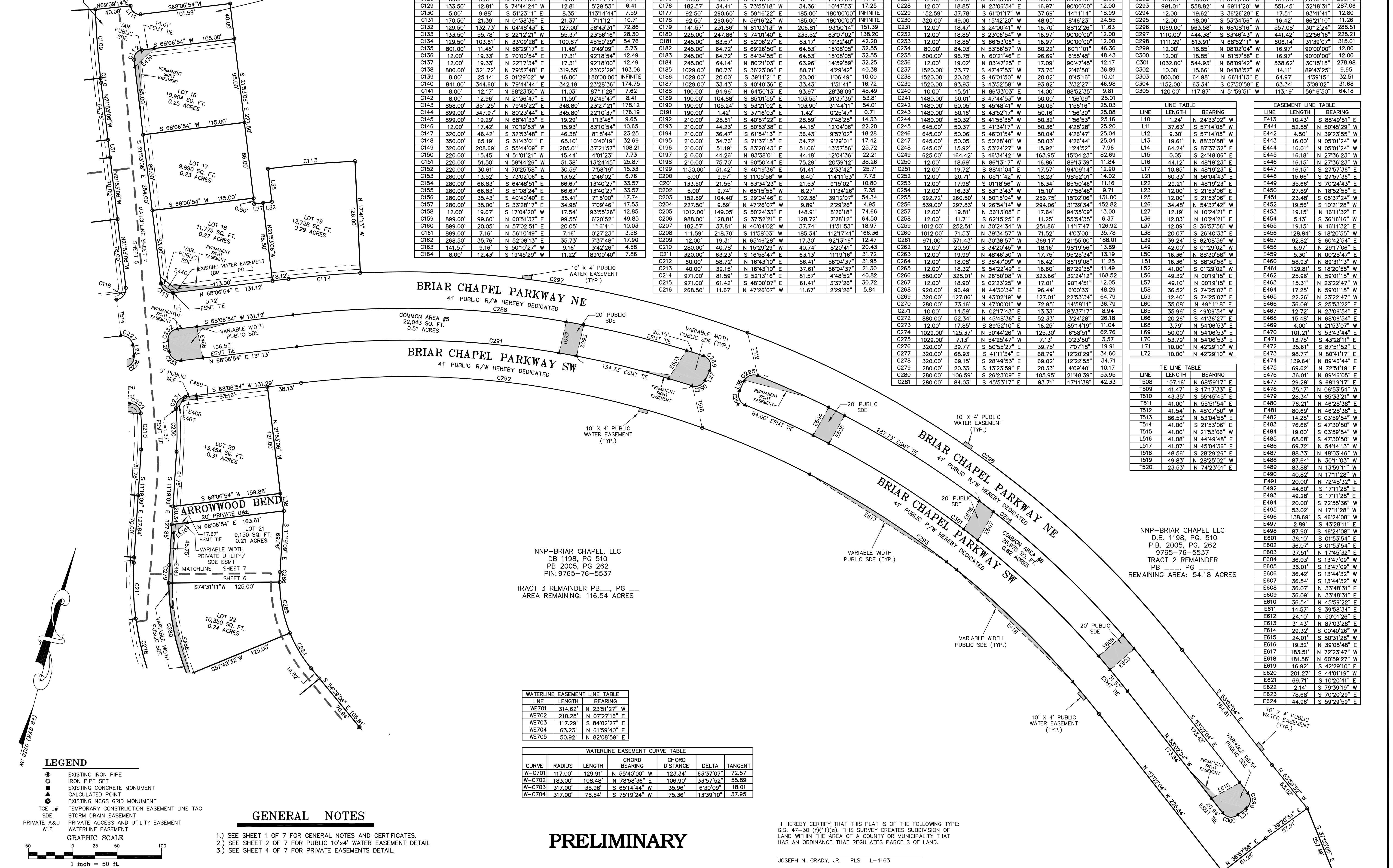
PROJECT NO:	NEW-05000
FILENAME:	NEW-05000-F12
SURVEYOR:	JNG
DRAWN BY:	EMM
SCALE:	1"=50'
DATE:	04/04/2007
SHEET NO.	<b>6-7</b>

McADAMS

I HEREBY CERTIFY THAT THIS PLAT IS OF THE FOLLOWING TYPE:  
 G.S. 47-30 (f)(1)(c). THIS SURVEY CREATES SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.  
 JOSEPH N. GRADY, JR. PLS L-4163

**DARK FOREST DRIVE**  
40' PUBLIC R/W HEREBY DEDICATED

**BENNETT MOUNTAIN TRACE**  
40' PUBLIC R/W HEREBY DEDICATED



CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD DISTANCE	DELTA	TANGENT
C118	12.00'	18.85'	N 23°06'54" E	16.97'	90°00'00"	12.00'
C119	268.50'	50.99'	S 62°40'30" W	50.91'	103°24'49"	25.57'
C120	142.19'	10.71'	N 59°23'13" E	10.71'	41°02'40"	5.36'
C121	142.19'	249.49'	S 68°11'26" E	218.69'	100°31'40"	171.05'
C122	245.00'	87.02'	N 86°12'54" W	86.56'	20°21'00"	43.97'
C123	245.00'	85.45'	N 86°02'54" W	85.02'	19°59'00"	43.16'
C124	245.00'	98.75'	N 44°30'33" W	98.09'	23°05'41"	50.06'
C125	225.00'	244.52'	N 64°12'54" W	232.66'	62°15'59"	135.91'
C126	5.00'	13.26'	S 74°01'12" W	9.70'	151°56'24"	4.58'
C127	183.19'	21.57'	S 33°23'00" E	100.87'	45°50'29"	10.80'
C128	5.00'	9.87'	N 20°21'58" E	8.40'	114°14'44"	7.74'
C129	133.50'	12.81'	S 74°44'24" W	12.81'	5°29'53"	6.41'
C130	5.00'	9.88'	S 51°23'11" E	8.35'	113°14'44"	7.59'
C131	170.50'	21.39'	N 01°38'36" E	21.37'	7°11'12"	10.71'
C132	129.50'	132.73'	N 04°48'43" E	127.00'	58°43'31"	72.86'
C133	133.50'	55.78'	S 22°12'21" W	55.37'	23°58'16"	28.30'
C134	129.50'	103.61'	S 33°23'00" E	100.87'	45°50'29"	54.76'
C135	801.00'	11.45'	N 56°29'17" E	11.45'	0°49'09"	5.73'
C136	12.00'	19.33'	S 70°00'54" E	17.31'	92°18'54"	12.49'
C137	12.00'	19.33'	S 22°17'34" E	17.31'	92°18'00"	12.49'
C138	800.00'	321.72'	N 79°57'48" E	319.55'	23°02'29"	163.06'
C139	8.00'	25.14'	S 01°29'02" W	16.00'	180°00'00"	INFINITE
C140	841.00'	344.60'	N 79°44'44" E	342.19'	23°28'36"	174.75'
C141	8.00'	12.17'	N 89°23'50" W	11.03'	87°11'28"	7.62'
C142	8.00'	12.96'	N 21°36'47" E	11.59'	92°49'47"	8.41'
C143	858.00'	351.25'	N 79°45'22" E	348.80'	23°27'21"	178.12'
C144	899.00'	347.97'	N 80°23'44" E	345.80'	22°10'37"	176.19'
C145	899.00'	19.29'	N 68°41'33" E	19.29'	11°34'46"	9.65'
C146	12.00'	17.42'	N 70°19'53" W	15.93'	83°10'54"	10.65'
C147	320.00'	46.42'	S 32°53'48" E	46.38'	81°6'44"	23.25'
C148	350.00'	65.19'	S 31°43'01" E	65.10'	10°40'19"	32.68'
C149	320.00'	208.69'	S 55°44'09" E	205.01'	37°21'57"	108.21'
C150	220.00'	15.45'	N 51°01'21" W	15.44'	4°01'23"	7.73'
C151	220.00'	51.50'	N 59°44'26" W	51.38'	13°24'45"	25.87'
C152	220.00'	30.61'	N 70°25'58" W	30.59'	7°58'19"	15.33'
C153	280.00'	13.52'	S 73°02'08" E	13.52'	2°46'02"	6.76'
C154	280.00'	66.83'	S 64°48'51" E	66.67'	13°40'27"	33.57'
C155	280.00'	66.83'	S 51°08'24" E	66.67'	13°40'27"	33.57'
C156	280.00'	35.43'	S 40°40'40" E	35.41'	7°15'00"	17.74'
C157	280.00'	35.00'	S 33°28'17" E	34.98'	7°09'46"	17.53'
C158	12.00'	19.67'	S 17°04'20" W	17.54'	93°55'26"	12.85'
C159	899.00'	99.60'	N 60°51'37" E	99.55'	6°20'52"	49.85'
C160	899.00'	20.05'	N 57°02'51" E	20.05'	11°6'41"	10.03'
C161	899.00'	7.16'	N 56°10'49" E	7.16'	0°27'23"	3.58'
C162	268.50'	35.76'	N 52°08'13" E	35.73'	7°37'48"	17.90'
C163	141.57'	9.16'	S 50°10'27" W	9.16'	3°42'26"	4.58'
C164	8.00'	12.43'	S 19°45'29" W	11.22'	89°00'40"	7.86'

CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD DISTANCE	DELTA	TANGENT
C165	841.00'	108.11'	N 60°34'51" E	108.04'	7°21'56"	54.13'
C166	842.00'	12.04'	N 56°29'17" E	12.04'	0°49'09"	6.02'
C167	5.00'	15.03'	N 37°47'57" W	9.89'	172°14'40"	73.77'
C168	227.50'	30.29'	N 52°08'15" E	30.27'	1°37'44"	15.17'
C169	858.00'	124.30'	N 60°06'08" E	124.19'	8°18'01"	62.26'
C170	8.00'	12.70'	S 70°16'29" E	11.41'	90°56'45"	8.13'
C171	5.00'	14.15'	S 30°24'47" E	9.88'	162°07'43"	31.80'
C172	170.50'	34.15'	N 44°54'48" W	34.09'	11°28'33"	17.13'
C173	5.00'	9.88'	N 84°12'07" W	8.35'	113°14'44"	7.59'
C174	133.50'	17.01'	S 31°13'42" E	16.99'	21°7'54"	8.51'
C175	5.00'	9.97'	N 22°13'17" E	8.40'	114°11'53"	7.73'
C176	182.57'	34.41'	S 73°55'18" W	34.36'	10°47'53"	17.25'
C177	92.50'	290.60'	S 59°16'22" E	185.00'	180°00'00"	INFINITE
C178	92.50'	290.60'	N 59°16'22" W	185.00'	180°00'00"	INFINITE
C179	141.87'	231.86'	N 40°13'11" W	206.81'	93°50'14"	151.39'
C180	225.00'	247.86'	S 74°01'40" E	235.52'	63°07'02"	138.20'
C181	245.00'	83.57'	S 52°06'27" E	83.17'	18°32'40"	42.20'
C182	245.00'	64.72'	S 69°26'50" E	64.53'	15°08'06"	32.55'
C183	245.00'	64.72'	S 84°34'55" E	64.53'	15°08'06"	32.55'
C184	245.00'	64.14'	N 60°21'03" E	63.96'	14°58'59"	32.25'
C185	1029.00'	80.73'	S 32°06'26" E	80.71'	4°29'42"	40.38'
C186	1029.00'	20.00'	S 39°11'21" E	20.00'	1°06'49"	10.00'
C187	1029.00'	33.43'	S 40°40'36" E	33.43'	1°51'41"	16.72'
C188	190.00'	94.96'	N 64°50'13" E	93.97'	28°38'09"	48.49'
C189	190.00'	104.88'	N 60°01'55" E	103.55'	13°17'35"	53.81'
C190	190.00'	105.24'	S 53°21'02" E	103.90'	31°44'11"	54.01'
C191	190.00'	1.42'	N 80°23'44" E	1.42'	0°25'47"	0.71'
C192	210.00'	28.61'	S 40°57'22" E	28.59'	7°48'25"	14.33'
C193	210.00'	44.23'	S 50°53'38" E	44.15'	12°04'06"	22.20'
C194	210.00'	36.47'	S 61°54'13" E	36.43'	9°57'02"	18.28'
C195	210.00'	34.76'	S 71°37'15" E	34.72'	1°23'01"	17.42'
C196	210.00'	51.19'	S 83°20'43" E	51.06'	13°57'56"	25.72'
C197	210.00'	44.26'	N 83°38'01" E	44.18'	12°04'36"	22.21'
C198	210.00'	75.70'	N 60°50'44" E	75.29'	20°38'12"	38.26'
C199	1150.00'	51.42'	S 40°19'36" E	51.41'	2°33'42"	25.71'
C200	5.00'	9.97'	S 11°05'58" W	8.40'	114°11'53"	7.73'
C201	133.50'	21.59'	N 63°34'23" E	21.53'	91°02'00"	10.80'
C202	8.00'	9.74'	N 65°15'55" W	8.27'	111°34'26"	7.35'
C203	152.59'	104.40'	S 29°04'46" E	102.38'	39°12'07"	54.34'
C204	227.50'	9.89'	N 47°26'07" W	9.89'	2°29'26"	4.95'
C205	1012.00'	149.05'	S 50°24'33" E	148.91'	8°26'18"	74.66'
C206	988.00'	128.81'	S 37°52'21" E	128.72'	7°28'12"	64.50'
C207	182.57'	37.81'	N 40°04'02" W	37.74'	11°51'53"	18.97'
C208	111.59'	218.70'	S 11°58'03" W	185.34'	112°17'41"	166.36'
C209	12.00'	19.31'	N 65°46'28" W	17.30'	92°13'16"	12.47'
C210	280.00'	40.78'	N 52°29'29" W	40.74'	8°20'41"	20.43'
C211	320.00'	63.23'	S 16°58'47" E	63.13'	11°19'16"	31.72'
C212	60.00'	58.72'	N 16°43'10" E	56.41'	56°04'37"	31.95'
C213	40.00'	39.15'	N 16°43'10" E	37.61'	56°04'37"	21.30'
C214	971.00'	81.59'	S 52°13'16" E	81.57'	4°48'52"	40.82'
C215	971.00'	61.42'	S 48°03'07" E	61.41'	3°37'28"	30.72'
C216	268.50'	11.67'	N 47°26'07" W	11.67'	2°29'26"	5.84'

CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD DISTANCE	DELTA	TANGENT
C217	111.59'	8.77'	S 46°25'48" E	8.76'	4°30'02"	4.38'
C218	225.00'	219.90'	N 21°18'58" E	211.26'	55°59'54"	119.63'
C219	245.00'	73.91'	N 02°08'27" E	76.00'	175°04'57"	38.47'
C220	245.00'	74.25'	N 18°34'38" E	73.96'	172°14'48"	37.41'
C221	245.00'	91.62'	N 37°58'21" E	91.09'	21°25'38"	46.35'
C222	5.00'	9.74'	S 70°17'07" E	8.27'	111°34'26"	7.35'
C223	133.50'	26.69'	N 20°00'44" W	26.66'	11°01'40"	12.89'
C224	5.00'	9.97'	S 31°36'48" W	8.40'	114°14'44"	7.74'
C225	183.19'	100.69'	N 72°38'26" E	99.43'	31°29'28"	51.85'
C226	221.50'	43.20'	S 62°03'00" W	43.97'	175°04'57"	21.87'
C227	12.00'	18.85'	N 68°53'06" E	18.97'	90°00'00"	12.00'
C228	12.00'	18.85'	N 23°06'54" W	16.97'	90°00'00"	12.00'
C229	152.59'	37.78'	S 61°01'17" W	37.69'	141°14'14"	18.99'
C230	320.00'	49.00'	N 15°42'20" W	48.95'	8°46'23"	24.55'
C231	12.00'	18.47'	S 24°00'41" W	16.70'	88°12'26"	11.63'
C232	12.00'	18.85'	S 23°06'54" W	16.97'	90°00'00"	12.00'
C233	12.00'	18.85'	S 68°53'06" E	18.97'	90°00'00"	12.00'
C234	800.00'	96.75'	N 60°21'46" E	96.69'	6°55'45"	48.43'
C235	800.00'	96.75'	N 03°17'25" E	17.09'	90°47'45"	12.17'
C236	1520.00'	73.77'	S 47°47'53" W	73.76'	2°46'50"	36.89'
C237	1520.00'	20.02'	S 46°01'50" W	20.02'	0°45'16"	10.01'
C238	1520.00'	93.93'	S 43°52'17" W	93.92'	3°22'47"	46.98'
C239	190.00'	94.96'	N 64°50'13" E	93.97'	28°38'09"	48.49'
C240	1480.00'	50.01'	S 47°44'53" W	50.00'	1°56'09"	25.01'
C241	1480.00'	50.05'	S 45°48'41" W	50.05'	1°56'16"	25.03'
C242	1480.00'	50.16'	S 43°52'17" W	50.16'	1°56'30"	25.08'
C243	1480.00'	50.32'	S 41°56'35" W	50.32'	1°56'53"	25.16'
C244	645.00'	50.37'	S 41°34'17" W	50.36'	4°28'28"	25.20'
C245	645.00'	50.06'	S 43°52'17" W	50.04'	4°28'47"	25.04'
C246	645.00'	50.06'	S 53°24'42" W	50.03'	4°28'44"	25.04'
C247	645.00'	15.92'	S 53°24'42" W	15.92'	14°52'42"	7.96'
C248	625.00'	164.42'	S 46°34'42" W	163.95'	15°04'23"	82.69'
C249	625.00'	18.69'	N 86°13'17" W	18.66'	89°13'39"	11.84'
C250	12.00'	19.72'	S 88°41'04" E	17.57'	94°09'14"	12.90'
C251	12.00'	20.71'	N 05°11'42" W	18.23'	98°52'01"	14.02'
C252	12.00'	19.33'	S 61°54'13" E	16.97'	90°00'00"	12.00'
C253	12.00'	16.33'	S 83°13'43" W	15.10'	77°58'48"	9.71'
C254	992.72'	260.50'	N 50°15'04" W	259.75'	15°02'06"	131.00'
C255	539.00'	297.83'	N 26°54'14" W	294.06'	31°39'34"	152.82'